

IN THE ABSTRACT

✓ Please replace the current abstract with the abstract on the attached page.

IN THE CLAIMS

✓ Please cancel Claim 1 without prejudice or disclaimer.

✓ Please amend Claims 2 and 7-12 to read:

2. (Amended) A rotating machine comprising:

a stator having a plurality of field winding slots;

a plurality of field windings disposed in each of the field winding slots, at least two of the field windings are comprised of:

an outer jacket; and

a plurality of conductive wires disposed within and enclosed by the outer jacket such that longitudinal passages are defined therebetween;

circulation means for circulating a coolant into and from the rotating machine through the longitudinal passages; and

a housing, the housing having a cavity for acceptance of the stator therein, the housing and stator defining first and second plenums at first and second ends of the stator, the coolant entering the rotating machine into the first plenum and exiting the rotating machine from the second plenum.

7. (Amended) The rotating machine of claim 2, wherein each of the plurality of field windings has the outer jacket and longitudinal passages.

8. (Amended) The rotating machine of claim 2, wherein the outer jacket is a flexible elastomer

9. (Amended) The rotating machine of claim 2, wherein the plurality of conductive wires disposed within the jacket are circular in cross-section.

10. (Amended) A rotating machine comprising:
a stator having a plurality of field winding slots;
a plurality of field windings disposed in each of the field winding slots, at least two of the field windings are comprised of:

an outer jacket; and

a plurality of conductive wires disposed within and enclosed by the outer jacket such that longitudinal passages are defined therebetween; and

circulation means for circulating a coolant into and from the rotating machine through the longitudinal passages, wherein the conductive wires are wound within the outer jacket to form helical shaped longitudinal passages.

11. (Amended) The rotating machine of claim 2, wherein the outer jacket comprises at least one film disposed over the conductive wires.

12. (Amended) A rotating machine comprising:
a stator having a plurality of field winding slots;